



Protective Design Mandatory Center of Expertise

The Corps of Engineers Center of Expertise for Protective Design provides engineering services related to antiterrorism and explosives safety.

Antiterrorism Facility Site Surveys and Investigations

Vulnerability Assessments

- o Military and Civilian assets key to national defense
- o Troops and other assets during conflict situations
- o Civilian special events physical security recommendations

Structural damage assessments after attack or natural disaster
Risk and threat analyses

Protective Design Services

Planning and programming of antiterrorism protective systems
Review, consult, and prepare facility drawings and specifications
Design to resist terrorist tactics, including:

- o Stationary and moving vehicle bomb
- o Forced-entry-resistant construction
- o Ballistics
- o Standoff weapons
- o Hardened structures design including:
 - » Conventional weapons-resistant design
 - » Nuclear weapons-resistant design
 - » Chemical and biological protection
- o Explosives safety facility design
- o Camouflage, concealment, and deception

Technology Transfer

Criteria Development

- o Unified Facilities Criteria documents
- o Guide specifications
- o Engineering Technical Letters

Training

- o Security Engineering
- o DoD Minimum AT Standards
- o Blast Design
- o Blast Window Design



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